

AMENDMENTS TO THE CLAIMS

In the Claims:

The following listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended) A method for processing Create Packet Data Protocol (PDP) Context Request, comprising:

1) storing Cause values of different versions as well as definitions for all the Cause values in ~~the~~ a GSN (GPRS Support Node) receiving a Create PDP Context Request messages;

2) after receiving the Create PDP Context Request, the GSN checking ~~the~~ a version number, performing internal processing, and filling a Cause value of the identical version in a Create PDP Context Response according to ~~the~~ a processing result of the internal processing and the version number of the Create PDP Context Request;

3) encapsulating the Create PDP Context Response, and returning it to the sender of the Create PDP Context Request;

wherein the Step 2) comprises:

2A) the GSN receiving the Create PDP Context Request message;

2B) the GSN performing internal processing and getting the processing result;

2C) if the processing result is that the GSN has created a PDP context successfully, the Cause value is set as "Request Accepted";

2D) if the processing result is that the GSN fails to create a PDP context because no free dynamic PDP address is available, reading the Create PDP Context Request message and checking the version number of the message according to a message header thereof, if it is the GTPv1 version, the Cause value is set as "All dynamic PDP addresses are occupied"; otherwise, it is the GTPv0 version, and the Cause value is set as "No resources available";

2E) if the processing result is that the GSN fails to create a PDP context because there is no enough memory available, reading the Create PDP Context Request message and checking the version number of the message according to the message header thereof, if it is the GTPv1

version, the Cause value is set as "No memory is available"; otherwise, it is the GTPv0 version, and the Cause value is set as "No resources available";

2F) if the processing result is that the GSN fails to create a PDP context due to lack of resources other than the above, setting the Cause value as no resource are available without checking the version number of the created PDP context request message.

2. (Currently amended) The processing method according to claim 1, wherein the different versions comprise the GTPv0 version and GTPv1 version; and the definition for Cause values in the GTPv1 version includes at least the following descriptions:

a) "All dynamic PDP addresses are occupied" indicates that no free dynamic PDP address is available in the GSN which can be allocated to the UE (User Equipment) initiating an activation;

b) "No memory is available" indicates that no enough memory is available in the GSN to support the activation;

c) "No resources available" indicates that some kinds of resources have been used up temporarily and the activation can not be supported.

3-4. (Canceled).

5. (Previously presented) The processing method according to claim 1, wherein the GSN comprises a Gateway GPRS Supporting Node (GGSN) or a Serving GPRS Support Node (SGSN).

6. (Previously presented) The processing method according to claim 2, wherein the GSN comprises a Gateway GPRS Supporting Node (GGSN) or a Serving GPRS Support Node (SGSN).

7-8. (Canceled).